PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

· (PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220			
P035028-P0	ACTION as well	as, where applicable, item 5 below.			
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)			
PCT/JP2004/010244	12/07/2004	.16/07/2003			
Applicant					
MATSUSHITA ELECTRIC INDUST	TRIAL CO., LTD.	•			
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Aut Insmitted to the International Bureau	nority and is transmitted to the applicant			
This International Search Report consists	of a total of <u>5</u> sheets.				
X It is also accompanied by	a copy of each prior art document cited in this	report.			
Basis of the report					
a. With regard to the language, the language in which it was filed, unle	nternational search was carried out on the ba ess otherwise indicated under this item.	sis of the international application in the			
The international state of this Authority (Rul	search was carried out on the basis of a transle 23.1(b)).	ation of the international application furnished to			
		in the international application, see Box No. I.			
2. Certain claims were four	nd unsearchable (See Box II).				
3. Unity of invention is lack	king (see Box III).				
A Mile de de de - con		•			
With regard to the title , X the text is approved as sut	omitted by the applicant				
· · · · · · · · · · · · · · · · · · ·	ned by this Authority to read as follows:				
	is a symmetry to read as follows.				
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5. With regard to the abstract,					
the text is approved as sub					
the text has been establish may, within one month from	ed, according to Rule 38.2(b), by this Authorit in the date of mailing of this international searc	y as it appears in Box No. IV. The applicant the report, submit comments to this Authority.			
6. With regard to the drawings ,		•			
a. the figure of the drawings to be pu	iblished with the abstract is Figure No. 2a				
X as suggested by the					
	as selected by this Authority, because the applicant failed to suggest a figure.				
as selected by this Authority, because this figure better characterizes the invention.					
b none of the figures is to be	published with the abstract.				

International application No.

PCT/JP2004/010244

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The present invention aims to provide a semiconductor light emitting device (1) that may be firmly attached to a substrate with maintaining excellent light emitting efficiency, and a manufacturing method of the same, and a lighting apparatus and a display apparatus using the same. In order to achieve the above object, the semiconductor light emitting device (1) according to the present invention includes a luminous layer (23), a light transmission layer (10) disposed over a main surface of the luminous layer (23), and having depressions (11) on a surface facing away from the luminous layer (23), and a transmission membrane (70) disposed on the light transmission layer (10) so as to follow contours of the depressions, and light from the luminous layer (23) is irradiated so as to pass through the light transmission layer (10) and the transmission membrane (70).

International Application No PCT/JP2004/010244

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01L33/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC \ 7 \ H01L$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X.	US 2001/010449 A1 (CHIU CHIEN-CHIA ET AL)	1,2,5-7,
	2 August 2001 (2001-08-02)	11,
		13-19, 21,22,
		24,25,29
Υ	paragraph '0040! - paragraph '0048!;	9,10,12,
	figures 6,7	20,23,
Α		26-28,30 3,4,8
Χ.	US 6 410 348 B1 (CHEN TZER-PERNG ET AL)	1-4,11,
	25 June 2002 (2002-06-25)	14-19, 21,22,24
Υ		8-10,20,
-		23,27,28
Α .	column 3, line 19 - column 4, line 65; figures 3-6	5-7,12, 13,25,
		26,29,30
		,,
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X Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.			
P Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filing date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the international filing date but later than the priority date claimed	 *T* tater document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document, such combination being obvious to a person skilled in the art. *&* document member of the same patent family 			
Date of the actual completion of the international search	Date of mailing of the international search report			
24 February 2005	07/03/2005			
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk	Authorized officer			
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Krause, J			

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International Application No PCT/JP2004/010244

C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	10170120047010244
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χ	US 5 160 070 A (01010111 T	
A	US 5 162 878 A (SASAGAWA ET AL) 10 November 1992 (1992-11-10) column 4, line 61 - column 8, line 48; figures 4-7	1,2, 14-17,24 3-13, 18-23, 25-30
X	EP 0 404 565 A (MITSUBISHI KASEI POLYTEC CO; MITSUBISHI KASEI CORP; MITSUBISHI KASEI C) 27 December 1990 (1990-12-27)	1,2,14,
A	page 3, line 16 - line 54; figure 1	3-13, 15-23, 25-30
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